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U.S. PTO  
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PTO/SB/05 (1/98)

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 960296.95912

First Inventor or Application Identifier Karen M. Downs

Title CHIMERIC MAMMALIAN ALLANTOIS

Express Mail Label No. EL122378503US

PRO  
36103  
JCS  
18/99

**APPLICATION ELEMENTS**

See MPEP Chapter 600 concerning utility patent application contents.

1  Fee transmittal Form  
(Submit an original and a duplicate for fee processing)

2  Specification (Total Pages 116)  
(preferred arrangement set forth below)  
 - Descriptive title of the invention  
 - Cross References to Related Applications  
 - Statement Regarding Fed Sponsored R&D  
 - Reference to Microfiche Appendix  
 - Background of the Invention  
 - Brief Summary of the Invention  
 - Brief Description of the Drawings (if filed)  
 - Detailed Description  
 - Claim(s)  
 - Abstract of the Disclosure

3  Drawing(s) (35 USC 113) (Total Sheets 19)

4. Oath or Declaration (Total Pages 2)  
 a.  Newly executed (original or copy)  
 b.  Copy from prior Application (37 CFR 1.63(d))  
 (for continuation/divisional with Box 17 completed)  
 [Note Box 5 below]  
 i.  DELETION OF INVENTOR(S)  
 Signed Statement attached deleting  
 inventor(s) named in prior application,  
 see 37 CFR 1.63(d)(2) and 1.33(b).

5  Incorporation By Reference (useable if Box 4b is checked)  
 The entire disclosure of the prior application from  
 which a copy of the oath or declaration is supplied  
 under Box 4b, is considered as being part of the  
 disclosure of the accompanying application and is  
 hereby incorporated by reference herein.

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

**ACCOMPANYING APPLICATION PARTS**

8  Assignment Papers (cover sheet & documents)

9  37 CFR 3.73(b) Statement  Power of Attorney  
(where there is an assignee)

10  English Translation Document (if applicable)

11  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS  
Citations

12  Preliminary Amendment

13  Return receipt postcard (MPEP 503)  
(Should be specifically itemized)

14  \*Small Entity  Statement filed in prior application  
 Statement(s)  Status still proper and desired

15  Certified copy of priority Document(s)  
(if foreign priority is claimed)

16  Other:

\* A newstatement is required to pay small entity fees, except where  
one has been filed in a prior application and is being relied upon

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP) of prior application no. 08/838,384

Prior application information: Examiner: D. Clark Group/Art Unit: 1633

**18. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label

or  Correspondence address below

(Insert Customer No. or Attach bar code label)

NAME	Jean C. Baker			
ADDRESS	Quarles and Brady LLP 411 East Wisconsin Avenue			
CITY	Milwaukee	STATE	Wisconsin	ZIP CODE
COUNTRY	USA	TELEPHONE	(414) 277-5709	FAX (414) 271-3552

Name (Print/Type)	Jean C. Baker	Registration No. (Attorney/Agent)	35,433
Signature	<i>Jean C. Baker</i>	Date	June 18, 1999

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

# FEE TRANSMITTAL

## for FY 1999

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12

TOTAL AMOUNT OF PAYMENT **\$602.00**

Complete if Known

Application Number	
Filing Date	June 18, 1999
First Named Inventor	Karen M. Downs
Group Art Unit	
Examiner Name	
Attorney Docket Number	960296.95912

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **17-0055**

Deposit Account Name **Quarles & Brady LLP**

Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

2.  Payment Enclosed:

Check  Money Order  Other

## FEE CALCULATION (fees effective 11/10/98)

## 1. FILING FEE

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
101	760	201	380	Utility filing fee	\$380.00
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	760	208	380	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) **(\$380.00)**

## 2. CLAIMS

Total Claims	23	Extra	Fee from below	Fee Paid
Independent Claims	8	-20**=	3	9.00 = 27.00
Multiple Dependent Claims		-3**=	5	39.00 = 195.00
			0	0

\*\* or number previously paid, if greater. For reissues see below

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim
109	78	209	39	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) **(\$222.00)**

## 3. ADDITIONAL FEES

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,210	241	605	Petition to revive unintentionally abandoned application	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	

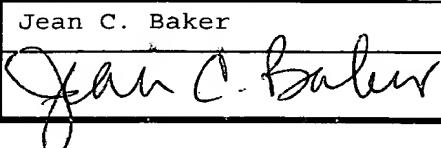
Other fee (specify)

Other fee (specify)

SUBTOTAL (3) **(\$)**

Reduced by Basic Filing Fee Paid

## SUBMITTED BY

Typed or Printed Name **Jean C. Baker**Signature 

Complete (if applicable)

Reg. Number **35,433**

Deposit Account User ID